

BIOLOGICALLY ACTIVE PEPTIDE COMPRISING TYROSYL-SERYL-VALINE (YSV)

CROSS-REFERENCE TO RELATED APPLICATIONS:

This Application claims the benefit of provisional application Serial No. 60/483,272 filed on 26 June, 2003, under 35 U.S.C. § 119(E) (specifically incorporated herein by reference in its entirety)

Substitute
specification
filed 07/12/2007
do not enter
JRN
1-2-2008

Background of the Invention

The present invention is related to short peptides and the use thereof. In particular, the present invention is related to short peptides with immune-modifying and anti-cancer properties.

Description of the Related Art

Peptides are known in the art for treatment of diseases and as pharmaceutical compositions. For example, U.S. Patent No. 6,191,113 discloses a peptide that has inhibitory activity for the growth of smooth muscle cells and is therefore useful for preventing and treating pathological conditions associated with growth of smooth muscle cells such as arteriosclerosis, restenosis after angioplasty, luminal stenosis after grafting blood vessels and smooth muscle sarcoma. U.S. 6,184,208 discloses another peptide that is found to modulate physiological processes such as weight gain activity of the epithelial growth zone and hair growth. Furthermore, PCT publication no. WO 03/006492 and U.S. Patent Application No. 10/237,405 suggested that certain peptides and their pharmaceutical compositions are biologically active and capable of modulating immune responses. (References which are cited in the present disclosure are not necessarily prior art and therefore their citation does not constitute an admission that such references are prior art in any jurisdiction.)

It is therefore an object of the present invention to provide short peptides that have biological activity.